

## ABSTRACT

A disposable cartridge for use in extracorporeal blood perfusions  
5 systems that have a control unit for controlling the flow of fluids. The cartridge  
has a housing defining a plurality of internal passageways that connect to a  
cardiopulmonary circuit, a cardioplegia circuit and a suction circuit. The  
cartridge may be fitted with one or more of a bubble trap, a filter, and a valve.

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